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PTO/SB/01 (10-00)

Approved for use through 10/31/2002. OMB 0651-0032

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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

Declaration Submitted with Initial Filing OR Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	010404
First Named Inventor	Sheri L. Zimmel
COMPLETE IF KNOWN	
Application Number	/
Filing Date	
Group Art Unit	
Examiner Name	

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Apparatus and Method for Optimizing Telecommunications Network Design Using Weighted Span Classification for Low Degree of Separation Demands

(Title of the Invention)

the specification of which

 is attached hereto

OR

 was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

(if applicable).

Application Number and was amended on (MM/DD/YYYY)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
None			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

 Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	
None		<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

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Express Mail Label: **EX 33186823**

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DECLARATION — Utility or Design Patent Application

Direct all correspondence to: Customer Number
or Bar Code Label OR Correspondence address below

Name Rudolf O. Siegesmund Registration Number: 37,720

Address 4627 N. Central Expressway, Ste. 2000

Address

City Dallas	State TX	ZIP 75205
Country U.S.A.	Telephone 214-528-2407	Fax 214-528-2434

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR : A petition has been filed for this unsigned inventor

Given Name Sheri L. (first and middle [if any])	Family Name Zimmel or Surname
----------------------------------------------------	----------------------------------

Inventor's Signature 	Date 7/13/2001
----------------------------------------------------------------------------------------------------------	----------------

Residence: City Richardson	State TX	USA Country	Citizenship USA
----------------------------	----------	-------------	-----------------

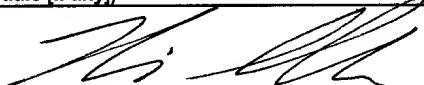
Mailing Address 513 Goodwin Drive

Mailing Address

City Richardson	State TX	ZIP 75081	Country USA
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NAME OF SECOND INVENTOR: A petition has been filed for this unsigned inventor

Given Name Kristopher E. (first and middle [if any])	Family Name Glover or Surname
---------------------------------------------------------	----------------------------------

Inventor's Signature 	Date 7/13/2001
----------------------------------------------------------------------------------------------------------	----------------

Residence: City Richardson	State TX	USA Country	Citizenship USA
----------------------------	----------	-------------	-----------------

Mailing Address 2801 Sandy Tr.

Mailing Address

City Richardson	State TX	ZIP 75080	Country USA
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Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

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PTO/SB/02A (11-00)

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DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental Sheet
Page 1 of 1

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Anna A.		Maravina	
Inventor's Signature		Date <u>04/13/2001</u>	
Residence: City	Richardson	State	TX
Country	USA	Citizenship	
Mailing Address 4250 East Renner, #2231			
Mailing Address			
City	Richardson	State	TX
ZIP	75082	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Mark W.		Lewis	
Inventor's Signature		Date	
Residence: City	Oxford	State	MS
Country	USA	Citizenship	
Mailing Address 737 Shady Oaks Circle			
Mailing Address			
City	Oxford	State	MS
ZIP	38655	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature		Date	
Residence: City		State	
Country		Citizenship	
Mailing Address			
Mailing Address			
City		State	
ZIP		Country	

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PTO/SB/81 (10-00)

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**POWER OF ATTORNEY OR
AUTHORIZATION OF AGENT**

Application Number	
Filing Date	
First Named Inventor	Sheri L. Zimmel
Group Art Unit	
Examiner Name	
Attorney Docket Number	010404

I hereby appoint:

 Practitioners at Customer Number
Place Customer
Number Bar Code
Label here**OR** Practitioner(s) named below:

Name	Registration Number
Rudolf O. Siegesmund	37,720
Robert H. Frantz	42,553

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

 The above-mentioned Customer Number.**OR**

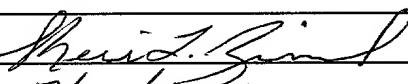
<input checked="" type="checkbox"/> Firm or Individual Name	Rudolf O. Siegesmund, Reg. No. 37,720			
Address	4627 N. Central Expressway, Ste. 2000			
Address				
City	Dallas	State	TX	Zip 75205
Country	U.S.A.			
Telephone	214-528-2407	Fax	214-528-2434	

I am the:

 Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	Sheri L. Zimmel	
Signature		
Date	7/13/2001	

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

 *Total of **3** forms are submitted.

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AUTHORIZATION OF AGENT**

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Filing Date	
First Named Inventor	Sheri L. Zimmel
Group Art Unit	
Examiner Name	
Attorney Docket Number	010404

I hereby appoint:

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Name	Registration Number
Rudolf O. Siegesmund	37,720
Robert H. Frantz	42,553

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<input checked="" type="checkbox"/> Firm or Individual Name	Rudolf O. Siegesmund, Reg. No. 37,720			
Address	4627 N. Central Expressway, Ste. 2000			
Address				
City	Dallas	State	TX	Zip 75205
Country	U.S.A.			
Telephone	214-528-2407	Fax	214-528-2434	

I am the:

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Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	Anna A.	Maravina
Signature		
Date	09/13/2001	
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.		
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AUTHORIZATION OF AGENT**

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First Named Inventor	Sheri L. Zimmel
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Examiner Name	
Attorney Docket Number	010404

I hereby appoint:

 Practitioners at Customer NumberPlace Customer
Number Bar Code
Label here**OR** Practitioner(s) named below:

Name	Registration Number
Rudolf O. Siegesmund	37,720
Robert H. Frantz	42,553

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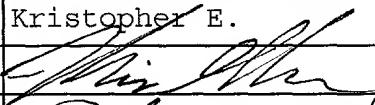
<input checked="" type="checkbox"/> Firm or Individual Name	Rudolf O. Siegesmund, Reg. No. 37,720		
Address	4627 N. Central Expressway, Ste. 2000		
Address			
City	Dallas	State	TX
Country	U.S.A.		
Telephone	214-528-2407	Fax	214-528-2434

I am the:

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Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	Kristopher E.	Glover
Signature		
Date		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

 Total of 3 forms are submitted.